

REMARKS

The claims have been amended to better define the claimed invention and better distinguish the claimed invention from the prior art. Claim 7 also has been amended to address the rejection under 35 U.S.C. § 112. Support for the above amendments may be found, for example, on page 20 of the Replacement Specification. No new matter has been entered by any of the foregoing amendments.

Turning to the art rejections, and considering first the rejection of claims 1,4-9, 16, 17, and 20 under 35 USC §103(a) as being anticipated by Baba Mikio (Japan Patent Publication # 2001-244362 A) in view of Ryoichi (Japan Patent Publication # 6-61383), it is submitted that neither Baba Mikio nor Ochiai Ryoichi teach or suggest the combination of a first and second resin comprising an epoxy resin main component and an inorganic filler component wherein the epoxy resin main component is the same in the first resin and the second resin and the inorganic filler component of the first resin is different than the inorganic filler component of the second resin as required by Applicant's independent claims 1 and 7. Rather, Baba Mikio teaches a second resin that is not a resin at all, but a silver paste.

And, Ryoichi merely teaches, in Figs. 1 and 2, that a buffer resin 21, such as a silicone resin, fills a gap between a flip-chip element 2 and a ceramic substrate 1, and that a heat resistant resin 22, such as modified polyimide resin, fills a space between the flip-chip element 2 and a ceramic stiffener 1 in contact with the buffer resin 21. In addition to failing to teach a separate substrate and stiffener (the Examiner uses part 1 of the figures as both the substrate and stiffener), Ryoichi does not teach a first and second resin comprising an epoxy resin main component and an inorganic filler component wherein the epoxy resin main component is the same in the first resin and the second resin and the inorganic filler component of the first resin is different than the inorganic filler component of the second resin. Accordingly, no

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

combination of Baba Mikio and Ryoichi would achieve independent claims 1 and 7, and thus claims 1 and 7 and the several claims dependent thereon cannot be said to be obvious from the applied art.

Having dealt with all the objections raised by the Examiner, the Application is believed to be in order for allowance. Early and favorable action is respectfully requested.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account Number 08-1391.

Respectfully submitted,



Norman P. Soloway
Attorney for Applicants
Reg. No. 24,315

Customer No. 27,667

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being deposited with the United States Patent Office via the electronic filing procedure on October 20, 2008.

By: 

NPS/CEP:ps

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567